

What Is Claimed Is:

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1. An electrical connector, comprising:
a plug connector having a guide element;
a mating connector having a recess, the recess being dimensioned so that during an insertion process of the plug connector into the mating connector, the guide element is guided into the recess, and in an inserted state, the recess is set apart from the guide element.

2. The electrical connector according to claim 1, wherein at least one of the plug connector and the mating connector includes a centering element.

3. The electrical connector according to claim 1, wherein the guide element has a cam-like form, the guide element being arranged in an immediate region of an opening of the plug connector.

4. The electrical connector according to claim 1, further comprising:

at least one centering element arranged on a side opposite an opening of the plug connector, the at least one centering element configured to cooperate with the mating connector in the inserted state of the mating connector.

Sub 5. The connector according to claim 3, wherein the centering element has a lug-like form.

6. The connector according to claim 1, wherein the guide element has rounded edges.

the centering element is not claimed in claim 5